

Jonghyeon Shin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12162022/publications.pdf>

Version: 2024-02-01

11
papers

2,275
citations

840776

11
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

2141
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic circuit design automation. <i>Science</i> , 2016, 352, aac7341.	12.6	835
2	An <i>E. coli</i> Cell-Free Expression Toolbox: Application to Synthetic Gene Circuits and Artificial Cells. <i>ACS Synthetic Biology</i> , 2012, 1, 29-41.	3.8	381
3	Protocols for Implementing an <i>Escherichia coli</i> Based TX-TL Cell-Free Expression System for Synthetic Biology. <i>Journal of Visualized Experiments</i> , 2013, , e50762.	0.3	280
4	Efficient cell-free expression with the endogenous <i>E. Coli</i> RNA polymerase and sigma factor 70. <i>Journal of Biological Engineering</i> , 2010, 4, 8.	4.7	199
5	Genome Replication, Synthesis, and Assembly of the Bacteriophage T7 in a Single Cell-Free Reaction. <i>ACS Synthetic Biology</i> , 2012, 1, 408-413.	3.8	134
6	Coarse-Grained Dynamics of Protein Synthesis in a Cell-Free System. <i>Physical Review Letters</i> , 2011, 106, 048104.	7.8	116
7	Assembly of MreB Filaments on Liposome Membranes: A Synthetic Biology Approach. <i>ACS Synthetic Biology</i> , 2012, 1, 53-59.	3.8	100
8	β -Hemolysin pore formation into a supported phospholipid bilayer using cell-free expression. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 271-278.	2.6	66
9	Study of messenger RNA inactivation and protein degradation in an <i>Escherichia coli</i> cell-free expression system. <i>Journal of Biological Engineering</i> , 2010, 4, 9.	4.7	65
10	Programming <i>Escherichia coli</i> to function as a digital display. <i>Molecular Systems Biology</i> , 2020, 16, e9401.	7.2	54
11	λ recision design of stable genetic circuits carried in highly insulated <i>E. coli</i> genomic landing pads. <i>Molecular Systems Biology</i> , 2020, 16, e9584.	7.2	45